

## Tween Bridge Solar Farm

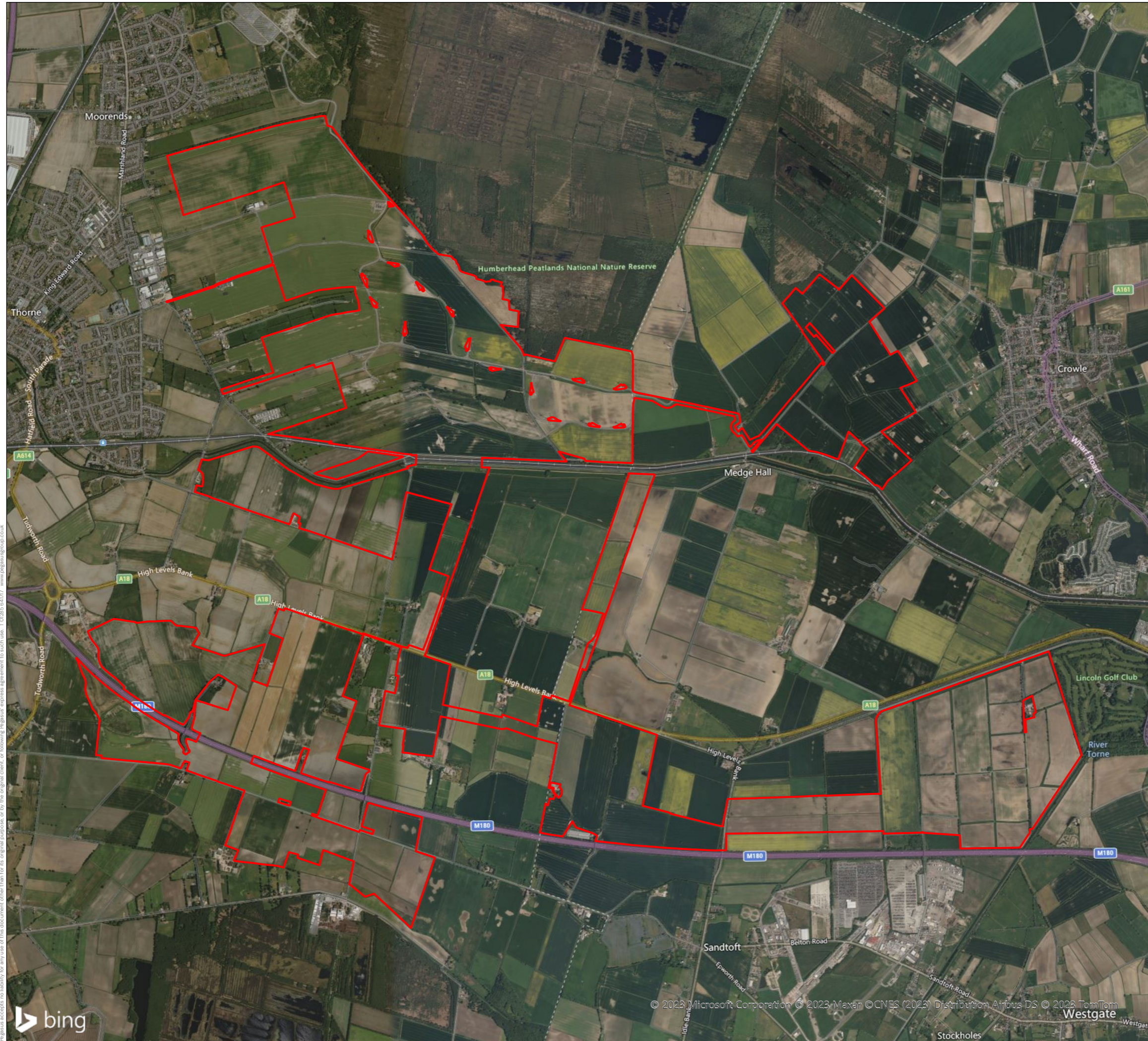
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### Plans and Drawings



Visit: [www.tweenbridgesolar.co.uk](http://www.tweenbridgesolar.co.uk)  
Email: [info@tweenbridgesolar.co.uk](mailto:info@tweenbridgesolar.co.uk)

A Nationally Significant Infrastructure Project



**KEY**

DRAFT ORDER LIMITS (REV P - 13/06/23)

**REVISIONS:**

- A - 21/09/22 - ADDED EASEMENTS
- B - 29/09/22 - ADDED EASEMENTS & PARCELS
- C - 11/10/22 - REMOVED PARCEL
- D - 21/10/22 - ADDED PARCELS
- E - 25/10/22 - ADDED AND REMOVED PARCELS
- F - 29/11/22 - REMOVED PARCEL
- G - 19/12/22 - ADDED ACCESS TRACK & AMMENDED BOUNDARY
- H - 05/04/23 - ADDED AND REMOVED PARCELS
- I - 12/04/23 - REMOVED PARCELS
- J - 13/04/23 - REMOVED PARCEL & ADDED ACCESS
- K - 19/04/23 - ADDED ACCESS TRACK
- L - 04/05/23 - REMOVED PARCEL
- M - 23/05/23 - ADDED AND REMOVED PARCELS
- N - 25/05/23 - REDUCED CABLE EASEMENT
- O - 08/06/23 - MULTIPLE EDITS
- P - 13/06/23 - REMOVED PARCELS

**DRAFT ORDER LIMITS**

**TWEEN BRIDGE SOLAR**

CLIENT

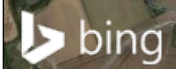
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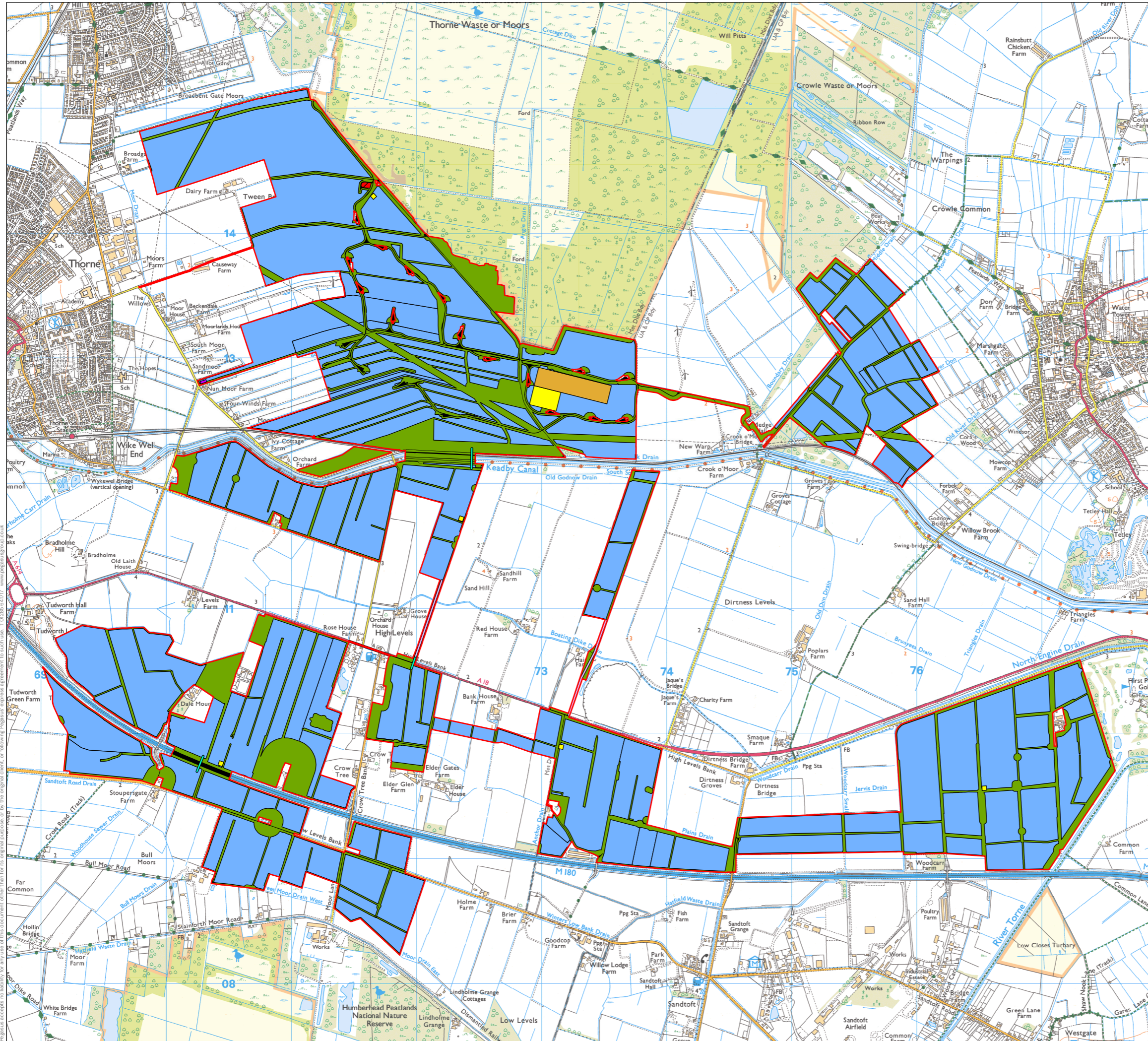
DATE	DRAWN	APPROVED	SCALE
13/06/2023	RL	HS	1:32,000@A3

SHEET	REVISION	DRAWING NUMBER
-	P	P21-3484_06



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**KEY**

- DRAFT ORDER LIMITS (APPLICANT'S OWN REFERENCE REV P - 13/06/23)
- EXISTING WIND TURBINE SUBSTATION
- EXISTING ROADS, TRACKS AND HARDSTANDINGS
- WORK NO. 1:  
SOLAR PHOTOVOLTAIC ARRAYS
- INDICATIVE COMBINED SOLAR ARRAYS AND ECOLOGICAL AND LANDSCAPE ENHANCEMENT AREAS.
- WORK NO. 2:  
INDICATIVE BATTERY ENERGY STORAGE SYSTEM
- WORK NO. 3:  
INDICATIVE CLIENT SUBSTATIONS
- WORK NO. 4:  
INDICATIVE ECOLOGICAL AND LANDSCAPE MITIGATION AND ENHANCEMENT AREAS
- WORK NO. 5:  
ELECTRICAL CAR (EV) CHARGING AREA
- OTHER PROPOSALS
- TRENCHLESS CABLE WORKS
- OPEN TRENCH CABLE WORKS

REVISIONS:  
 A - 23/08/23 - REMOVED DRAFT NGET SUBSTATION  
 B - 31/08/23 - AMMENDED SITE LAYOUT AND CLIENT SUBSTATION  
 C - 12/09/23 - UPDATED CLIENT SUBSTATIONS

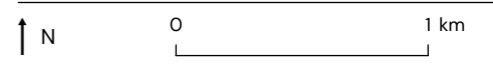
**WORKS PLAN**

**TWEEN BRIDGE SOLAR**

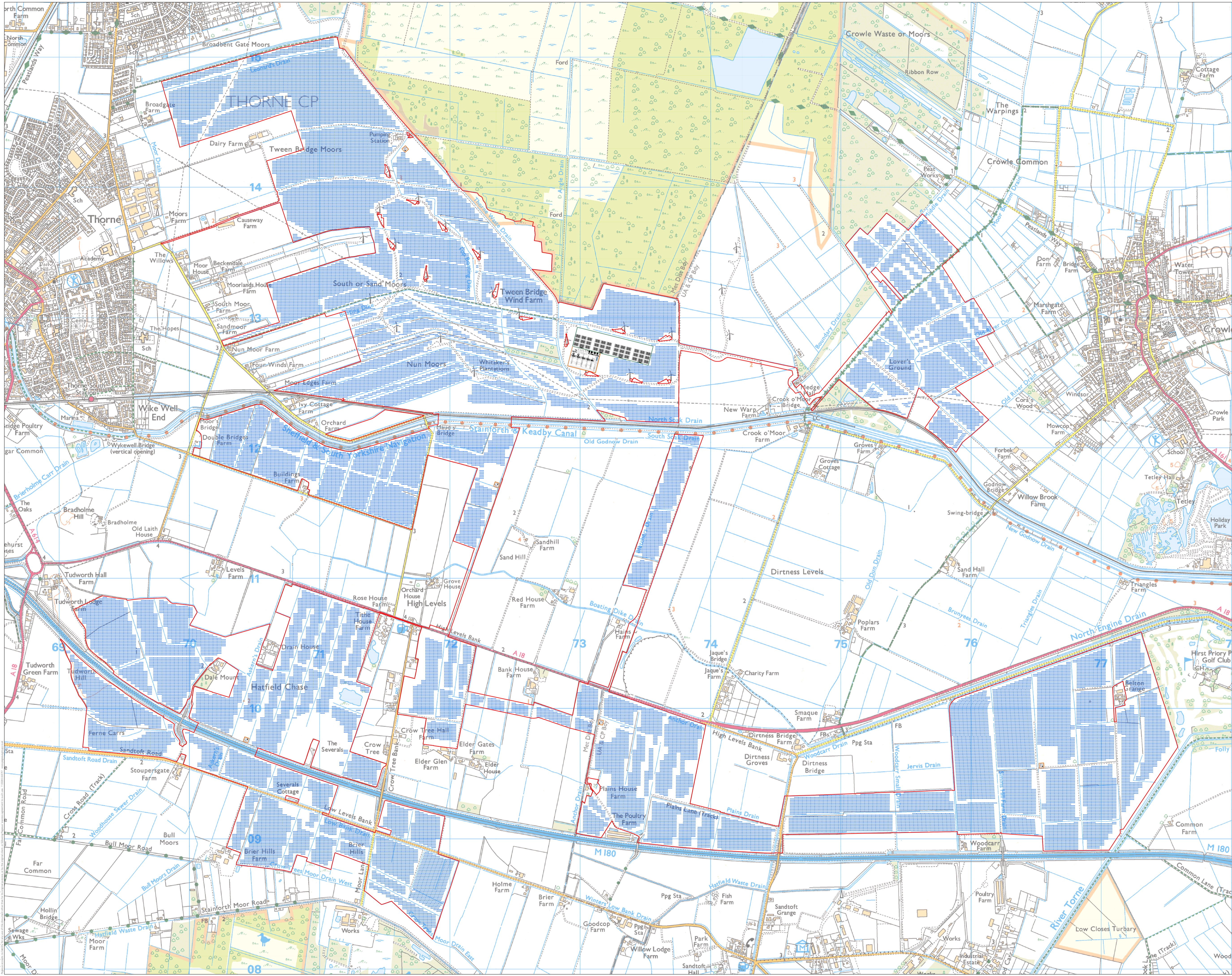
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12/09/2023	RL	HS	1:30,000@A3

SHEET	REVISION	DRAWING NUMBER
-	C	P21-3484_23



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- KEY**
- DRAFT ORDER LIMITS
  - SITE LAYOUT
  - INDICATIVE BATTERY ENERGY STORAGE SYSTEM
  - INDICATIVE CLIENT SUBSTATIONS
- OTHER\_SUB\_POLY**
- TYPE**
- ACCESS
  - FENCING
  - INFRASTRUCTURE
  - SUPPORT BUILDINGS
  - FOOTPRINT
- MAIN\_SUB\_POLY**
- TYPE**
- ACCESS
  - FENCING
  - INFRASTRUCTURE
  - BLAST WALL
  - SUPPORT BUILDING
  - FOOTPRINT
- BESS\_POLY**
- TYPE**
- BATTERY SKID
  - SINGLE PCS/MV TX SKID
  - SUB-MV SWITCHGEAR HOUSING
  - BATTERY/SUB-MV S/G BLOCK

**REVISIONS:**  
 A - 12/09/23 - UPDATED SUBSTATIONS AND BESS

**CANDIDATE LAYOUT PLAN**  
**TWEEN BRIDGE**

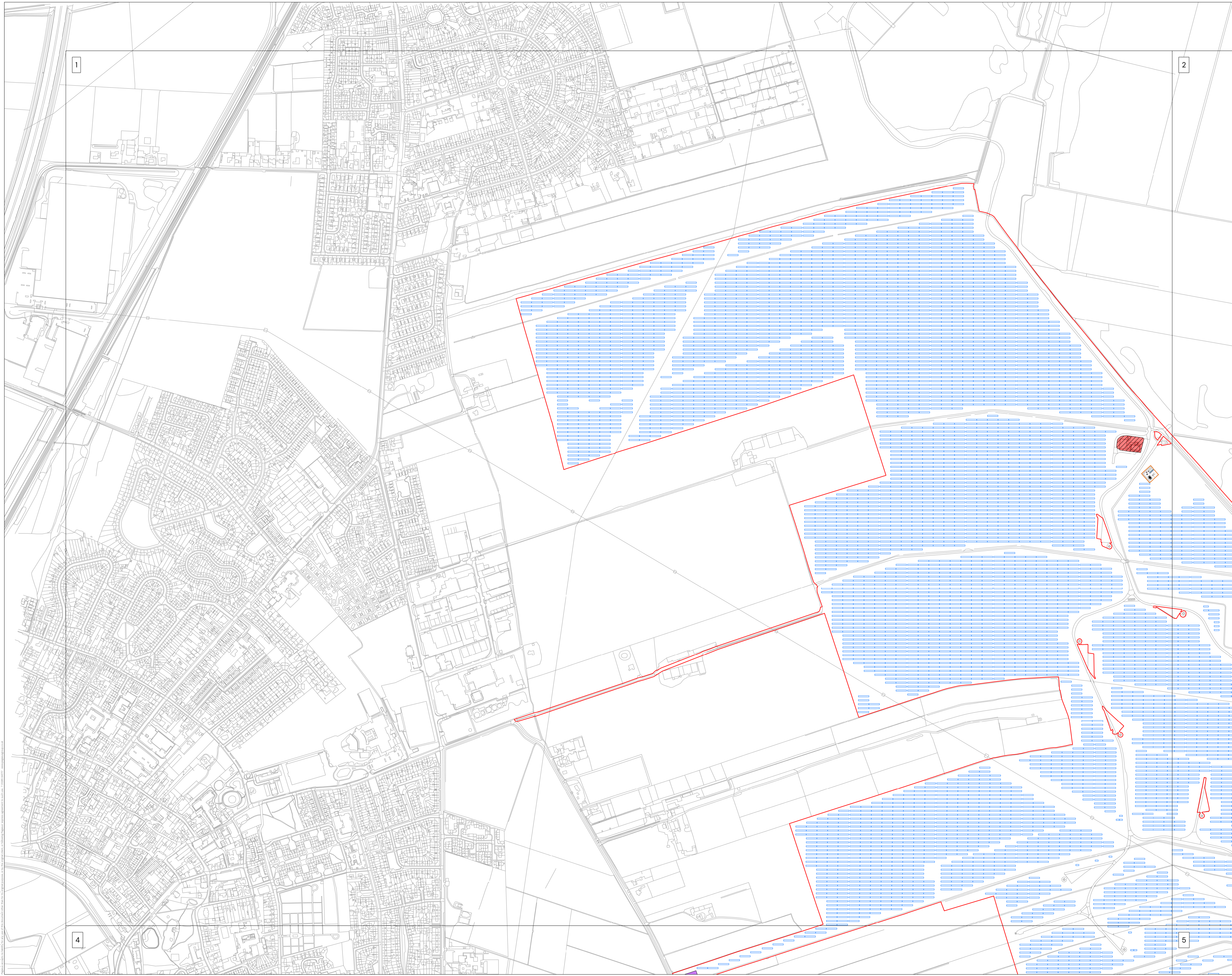
**CLIENT**  
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12/09/2023	RL	HS	1:13,000@A1

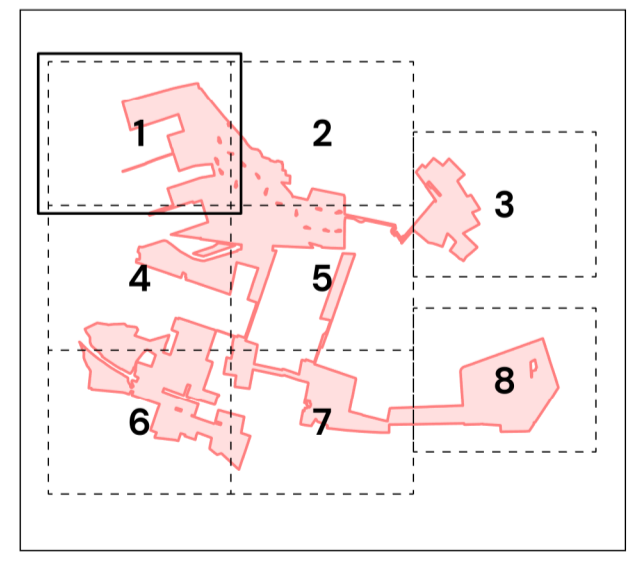
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-	A	P21-3483_27

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**PEGASUS GROUP**



- KEY**
- DRAFT ORDER LIMITS (REV P - 13/06/23)
  - SITE LAYOUT
  - INDICATIVE BATTERY ENERGY STORAGE SYSTEM
  - INDICATIVE CLIENT SUBSTATIONS
  - Existing Wind Turbine Substation
  - Electrical Car (EV) Charging Area



**REVISIONS:**  
 A - 23/08/23 - AMENDED SITE LAYOUT REMOVED DRAFT NGET SUBSTATION  
 B - 31/08/23 - AMENDED SITE LAYOUT  
 C - 11/09/23 - ADDED SUBSTATION AND BESS DETAIL  
 D - 28/09/23 - DETAILED SITE INFRASTRUCTURE

**DETAILED SITE LAYOUT MAP SERIES**  
**TWEEN BRIDGE SOLAR**

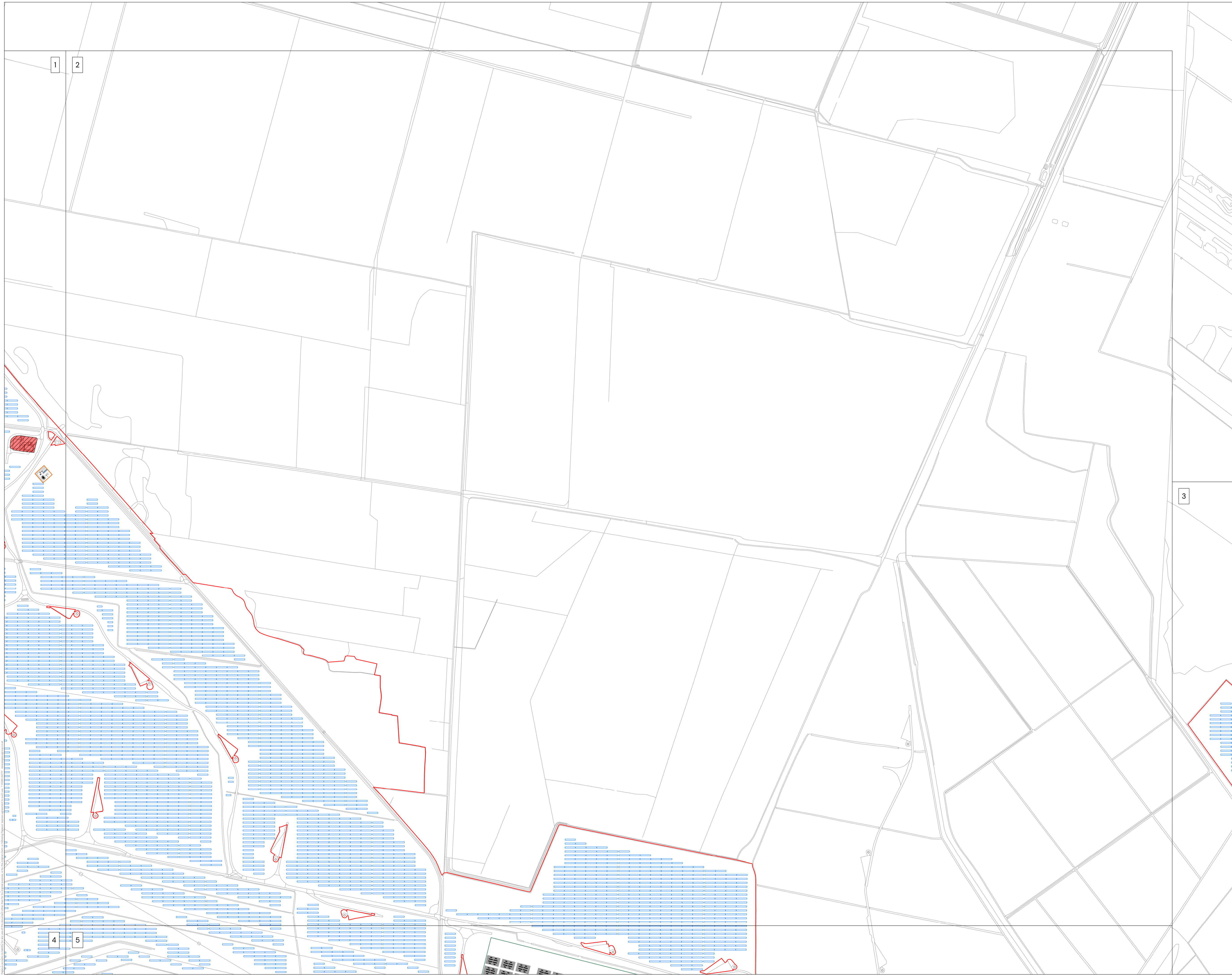
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DATE	DRAWN	APPROVED	SCALE
28/09/2023	RL	GR	15,000@A3

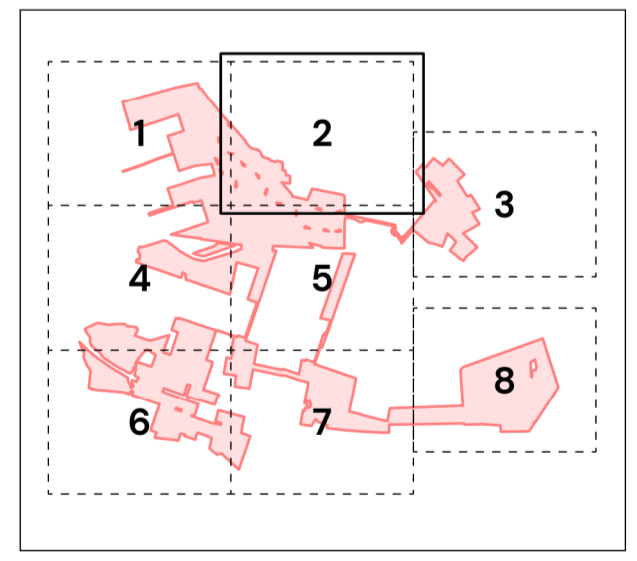
SHEET	REVISION	DRAWING NUMBER
1 OF 8	D	P21-3484_22_D

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- KEY**
- DRAFT ORDER LIMITS (REV P - 13/06/23)
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  - Electrical Car (EV) Charging Area



REVISIONS:  
 A - 23/08/23 - AMENDED SITE LAYOUT REMOVED DRAFT INLET SUBSTATION  
 B - 31/08/23 - AMENDED SITE LAYOUT  
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 D - 28/09/23 - DETAILED SITE INFRASTRUCTURE

**DETAILED SITE LAYOUT MAP SERIES**  
**TWEEN BRIDGE SOLAR**

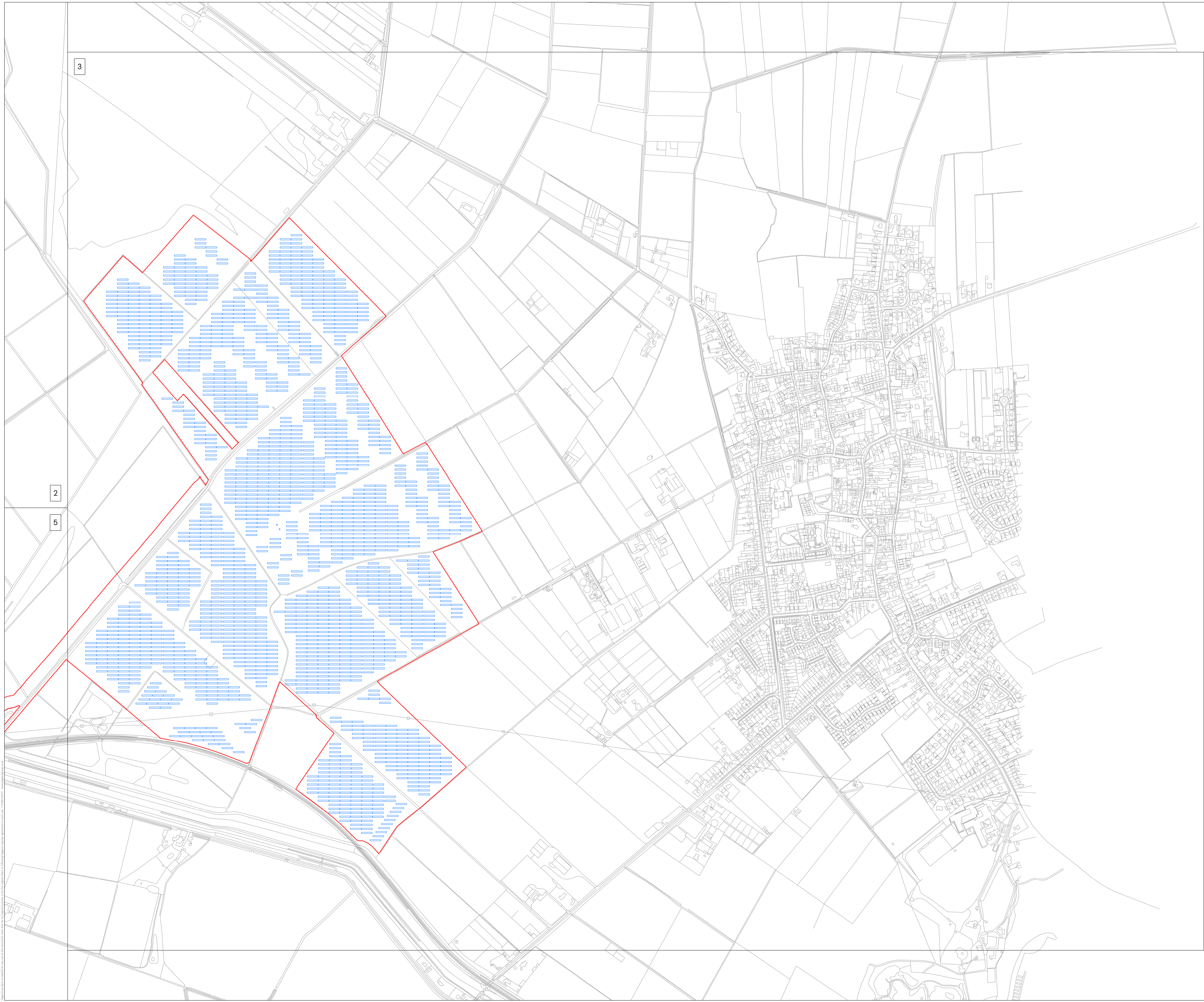
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SHEET	REVISION	DRAWING NUMBER
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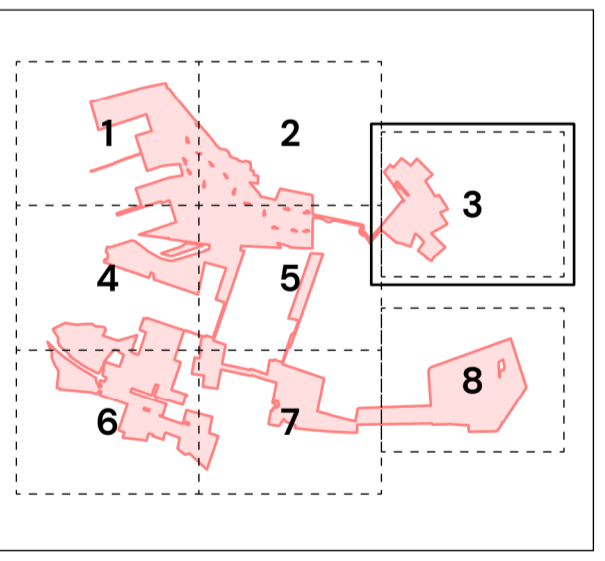


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  - Existing Wind Turbine Substation
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3

2

5

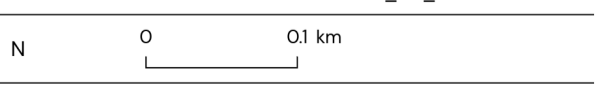


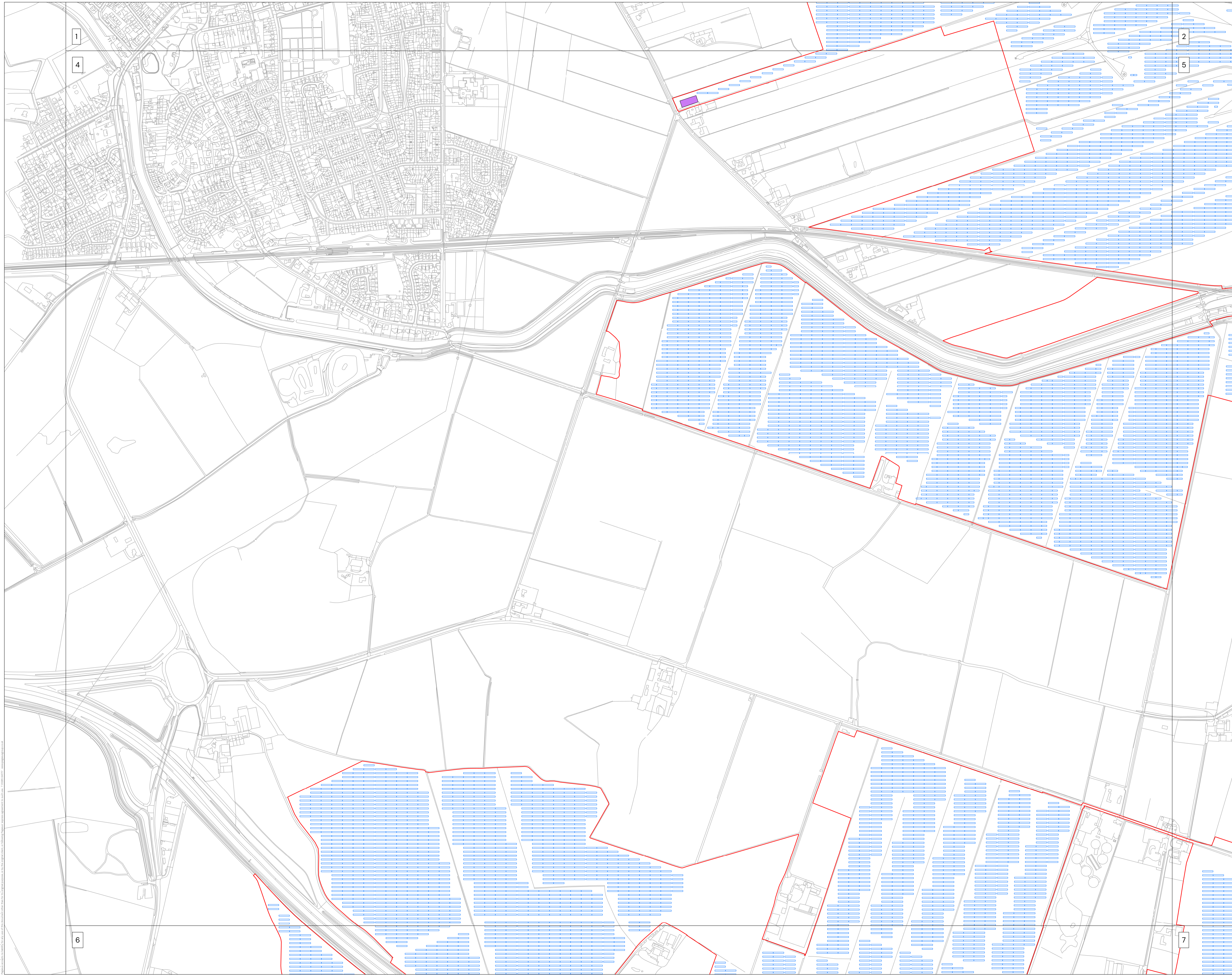
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**DETAILED SITE LAYOUT MAP SERIES**  
**TWEEN BRIDGE SOLAR**

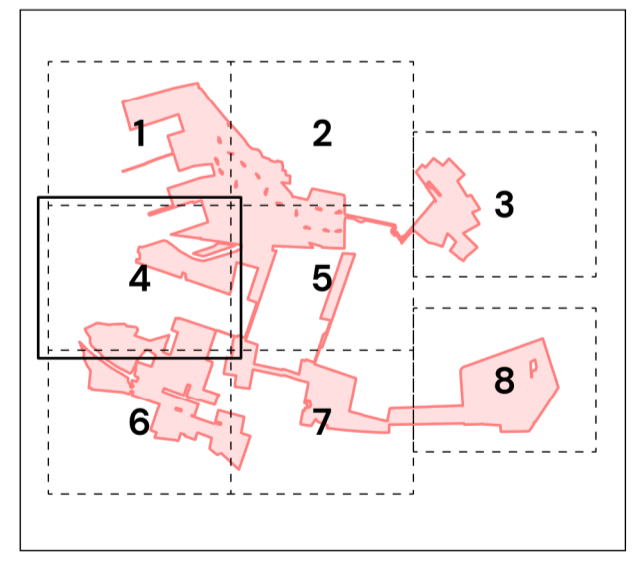
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28/09/2023	RL	GR	15,000@A3
SHEET	REVISION	DRAWING NUMBER	
3 OF 8	D	P21-3484_22_D	





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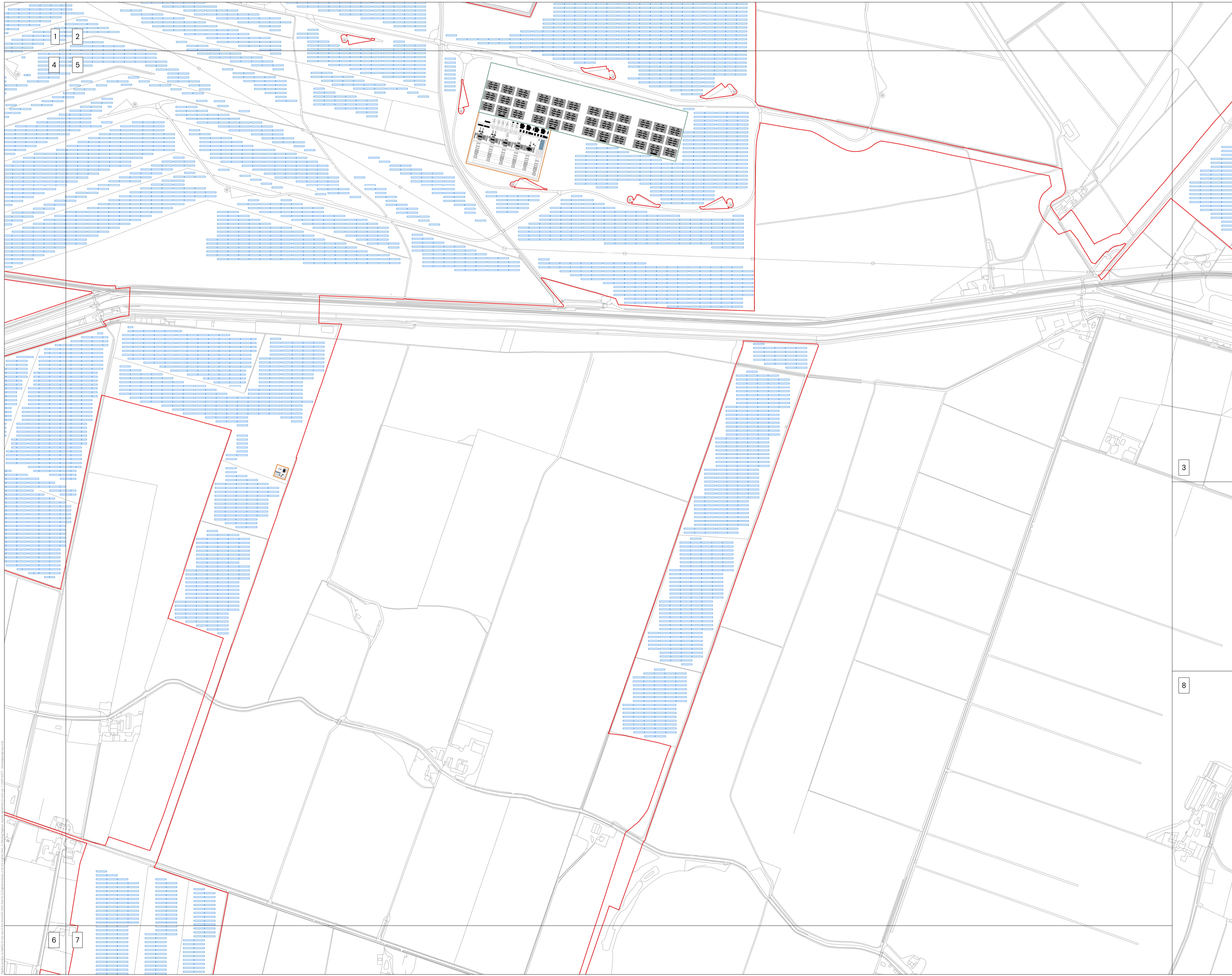
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**TWEEN BRIDGE SOLAR**

CLIENT  
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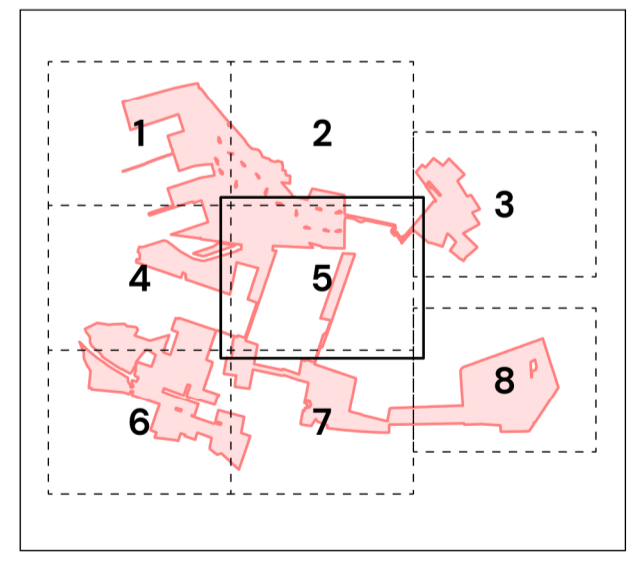
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SHEET 4 OF 8	REVISION D	DRAWING NUMBER P21-3484_22_D	

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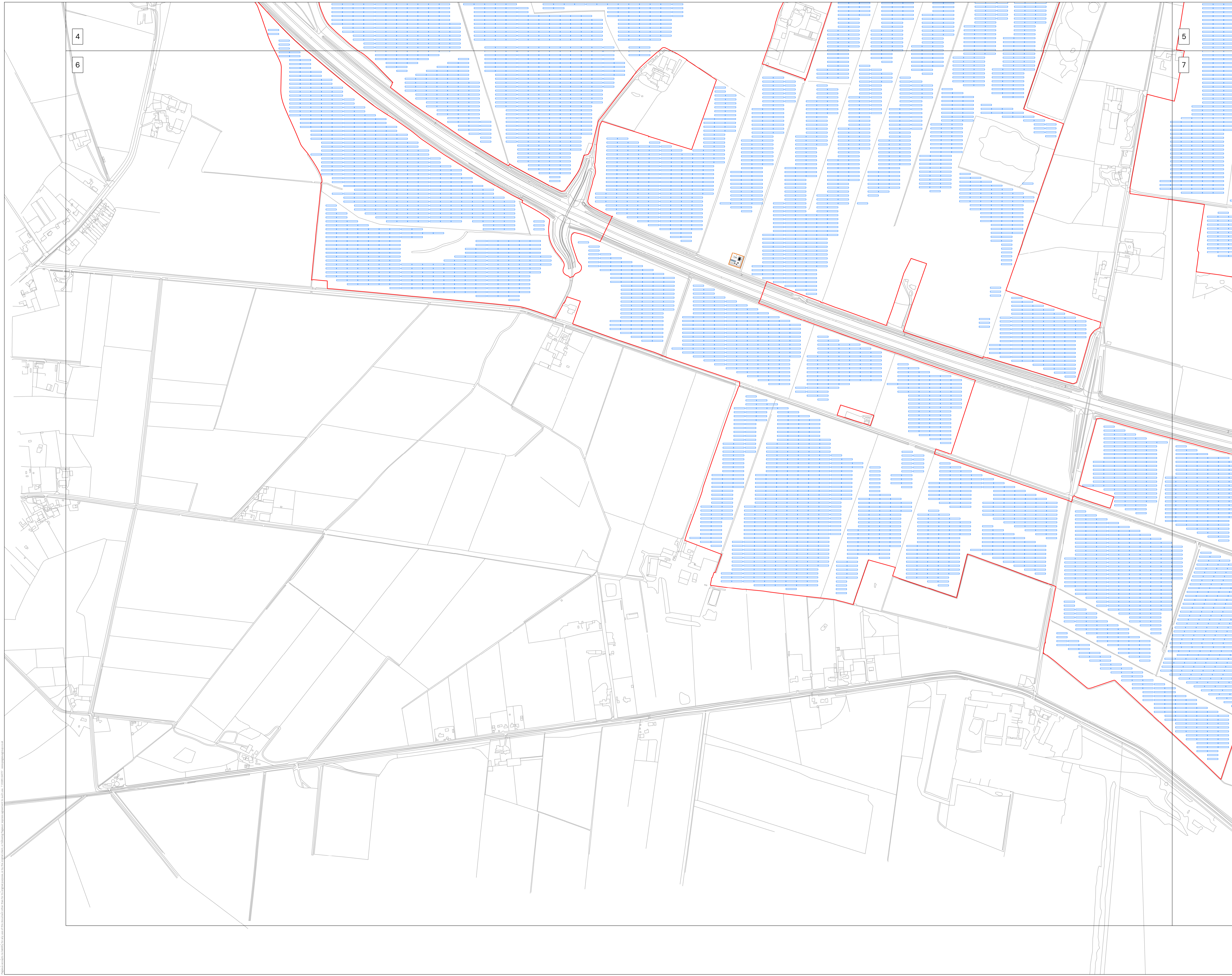
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**TWEEN BRIDGE SOLAR**

CLIENT  
 RWE

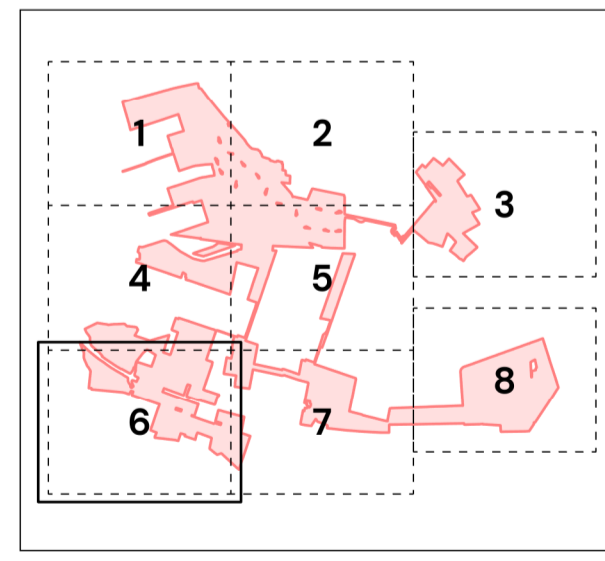
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28/09/2023	RL	GR	15,000@A3

SHEET	REVISION	DRAWING NUMBER
5 OF 8	D	P21-3484_22_D

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**DETAILED SITE LAYOUT MAP SERIES**  
**TWEEN BRIDGE SOLAR**

CLIENT  
 RWE

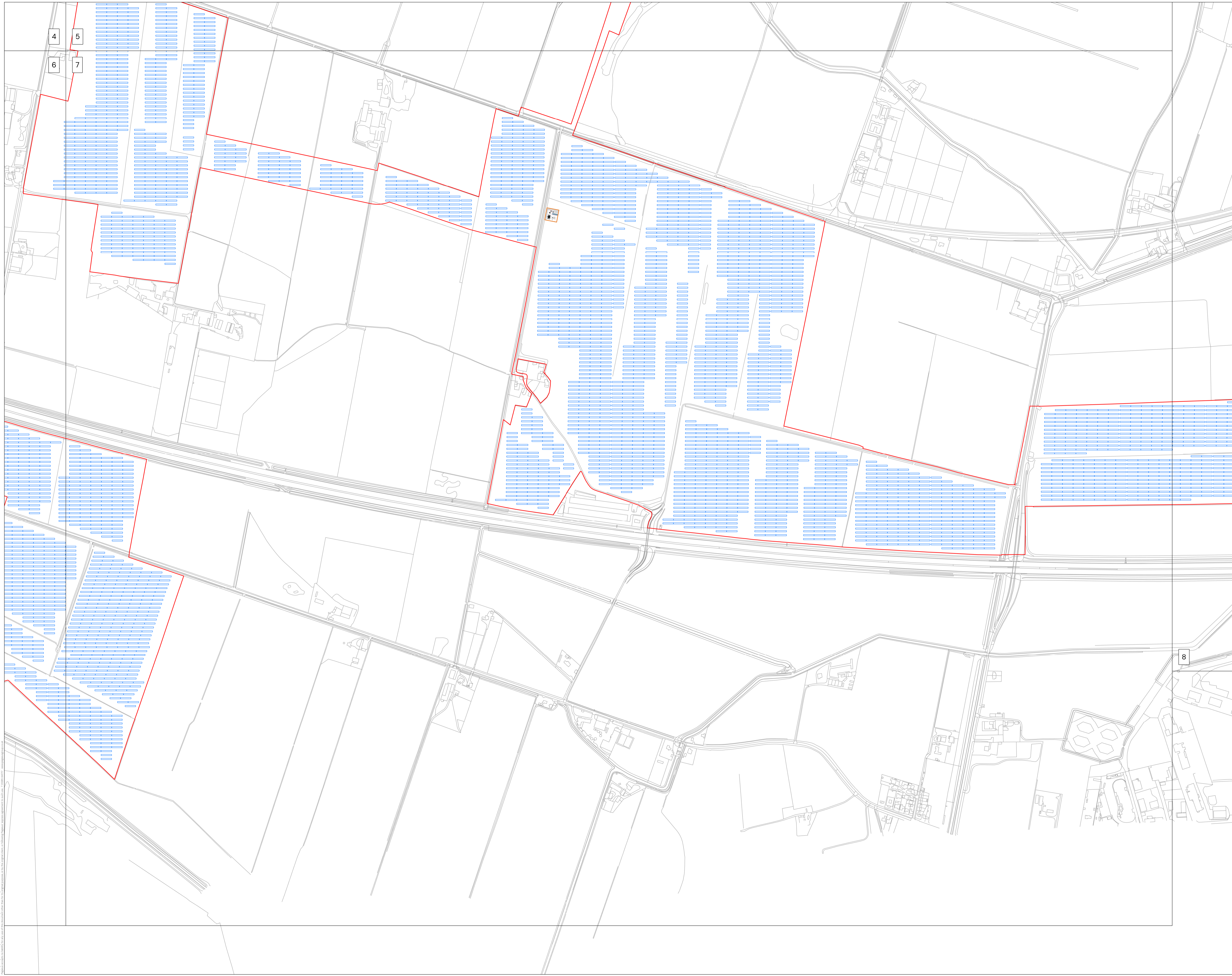
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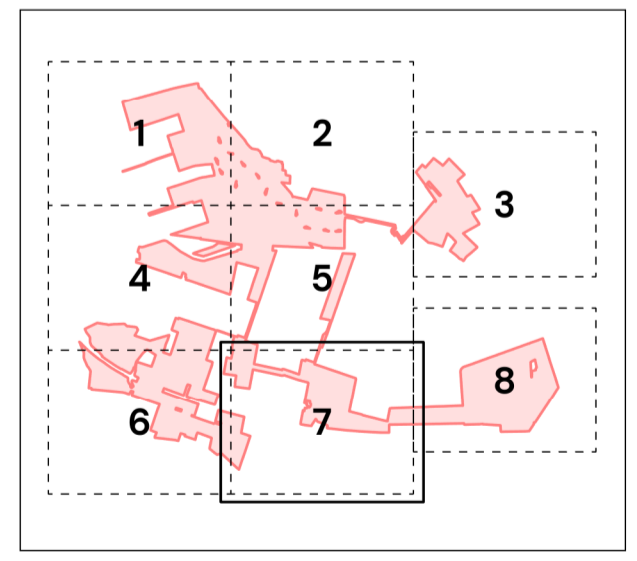
0 01 km

N

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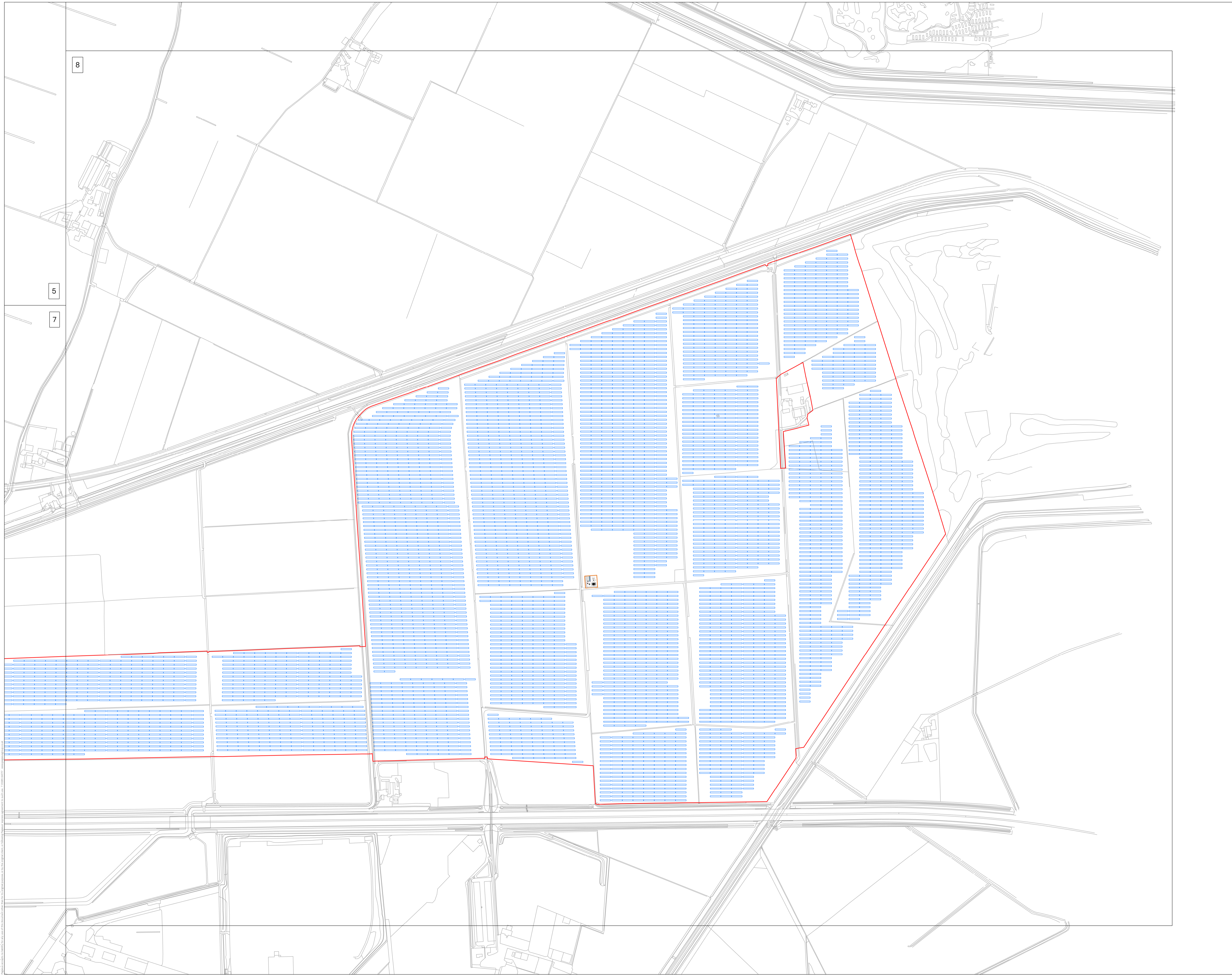
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 B - 30/08/23 - AMENDED SITE LAYOUT  
 C - 11/09/23 - ADDED SUBSTATION AND BESS DETAIL  
 D - 28/09/23 - DETAILED SITE INFRASTRUCTURE

**DETAILED SITE LAYOUT MAP SERIES**  
**TWEEN BRIDGE SOLAR**

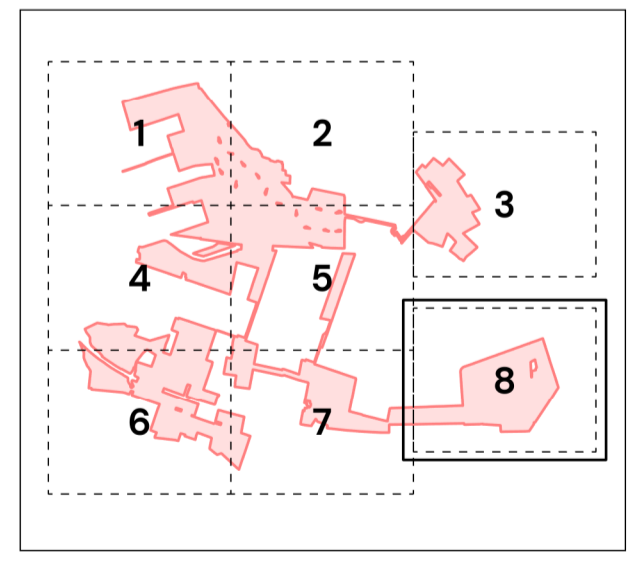
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DATE	DRAWN	APPROVED	SCALE
28/09/2023	RL	GR	15,000@A3

SHEET	REVISION	DRAWING NUMBER
7 OF 8	D	P21-3484_22_D



- KEY**
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**DETAILED SITE LAYOUT MAP SERIES**  
**TWEEN BRIDGE SOLAR**

CLIENT  
 RWE

DATE	DRAWN	APPROVED	SCALE
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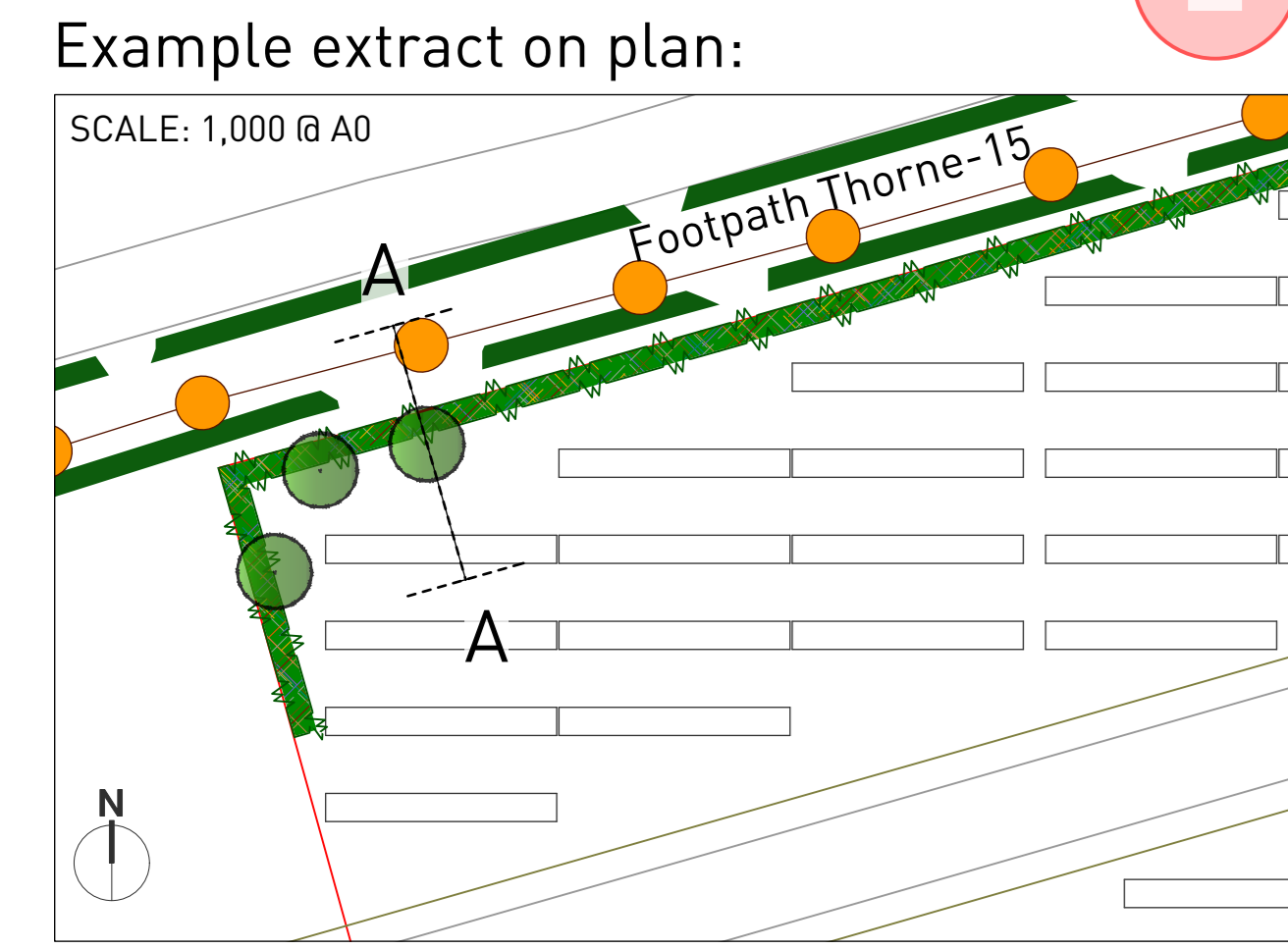
SHEET	REVISION	DRAWING NUMBER
8 OF 8	D	P21-3484_22_D

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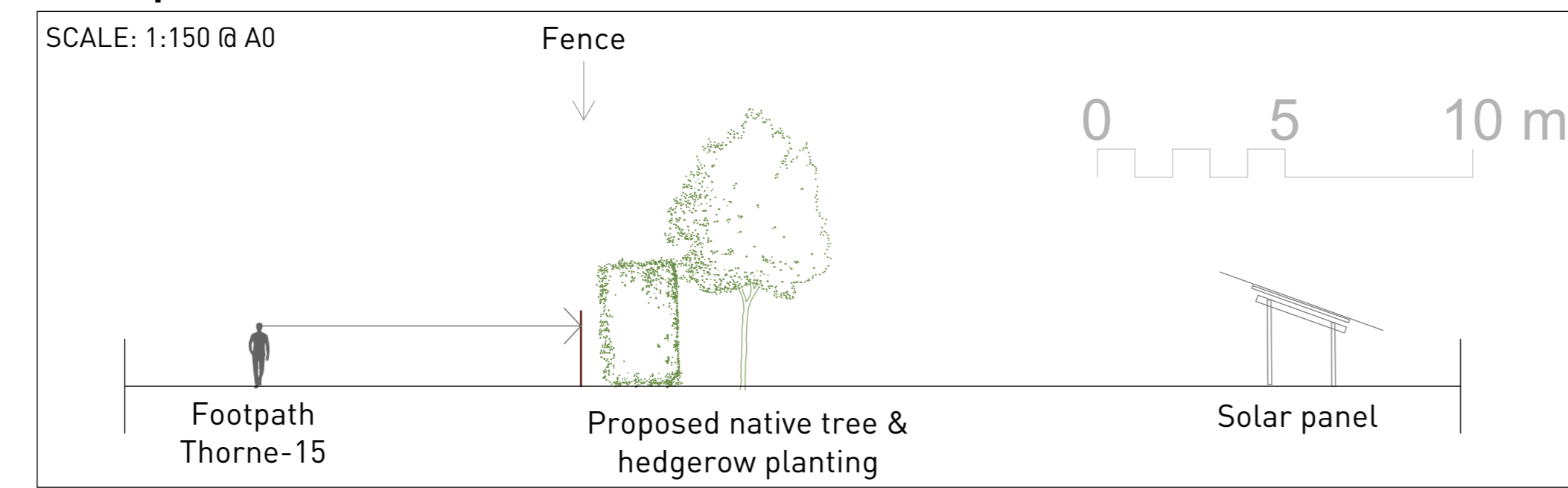


# KEY RECEPTORS - Indicative sections

## Area A: Footpath Thorne-15



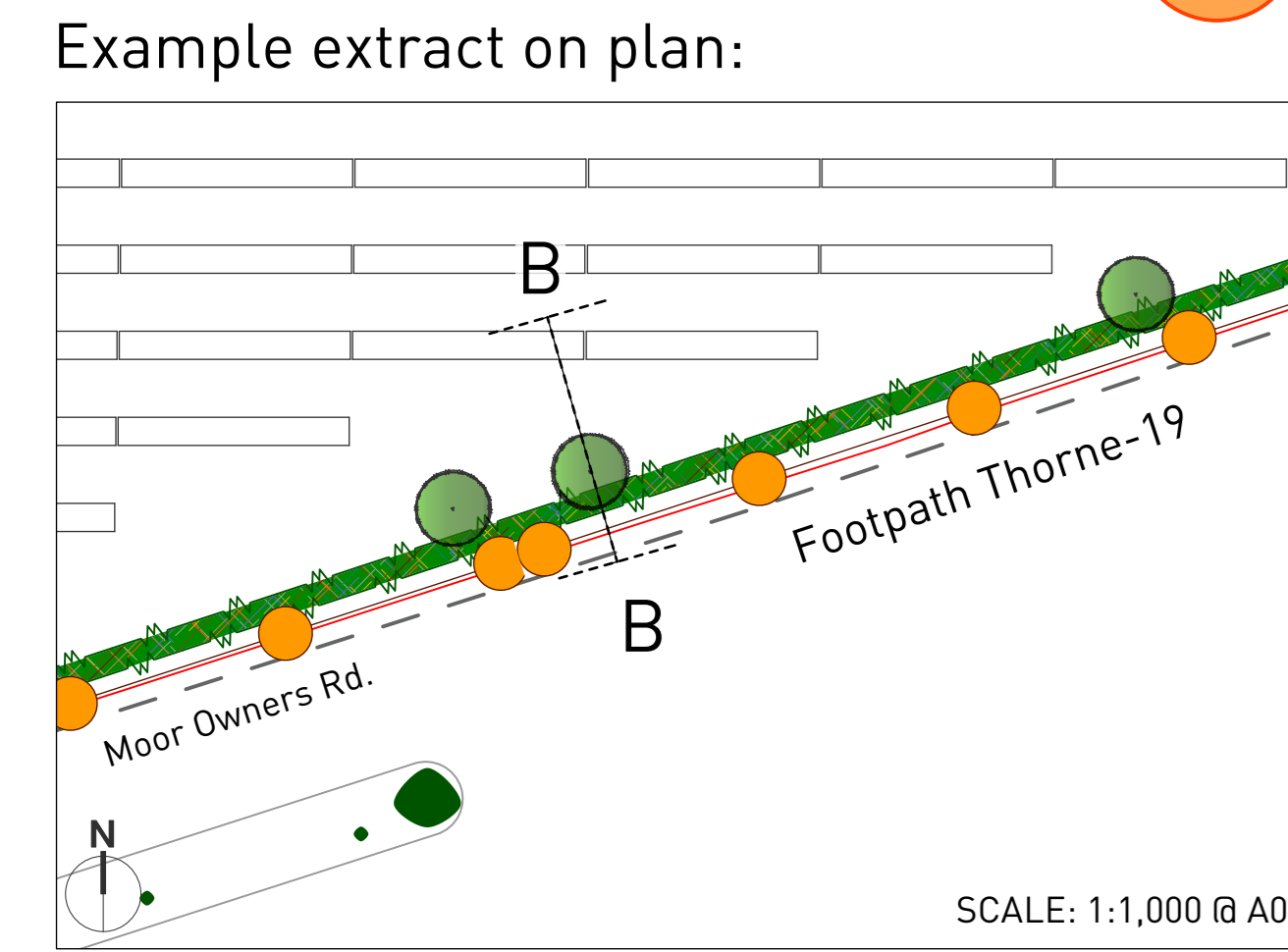
### Example section A-A:



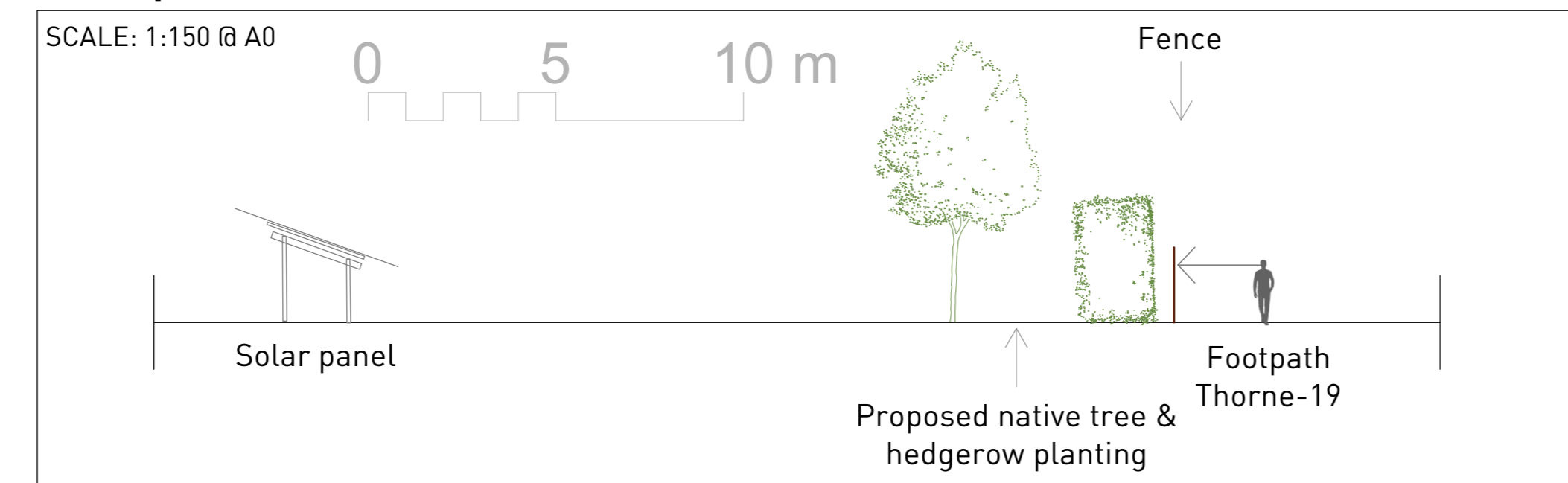
### Indicative section showing landscape mitigation at Year 15

Strategy: planting of mixed native hedgerow and scattered native hedgerow trees along northern boundary of site screens views from Footpath Thorne-15 to the north. Hedgerows to be managed to above 3 metres in height.

## Area B: Footpath Thorne-19



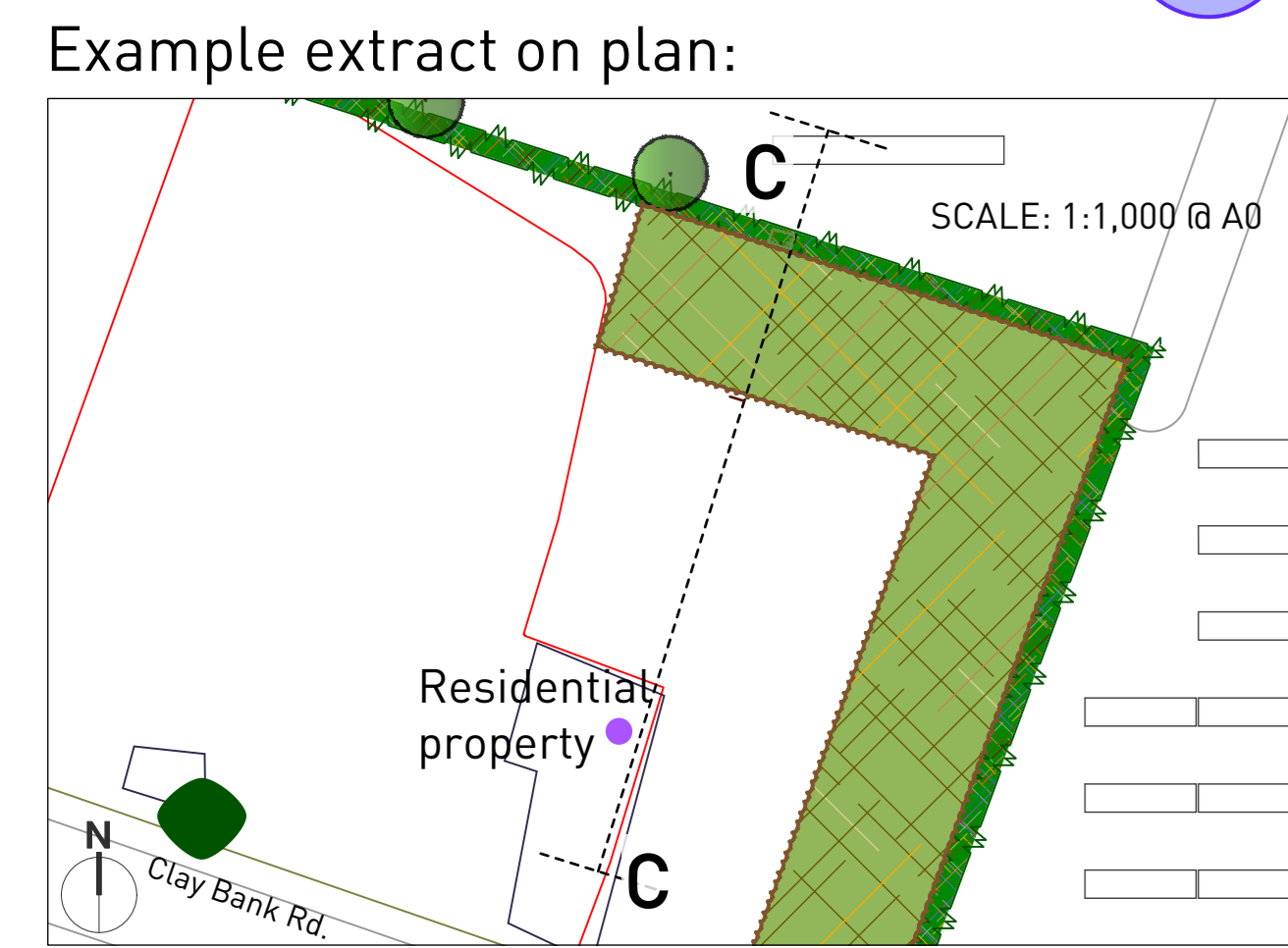
### Example section B-B:



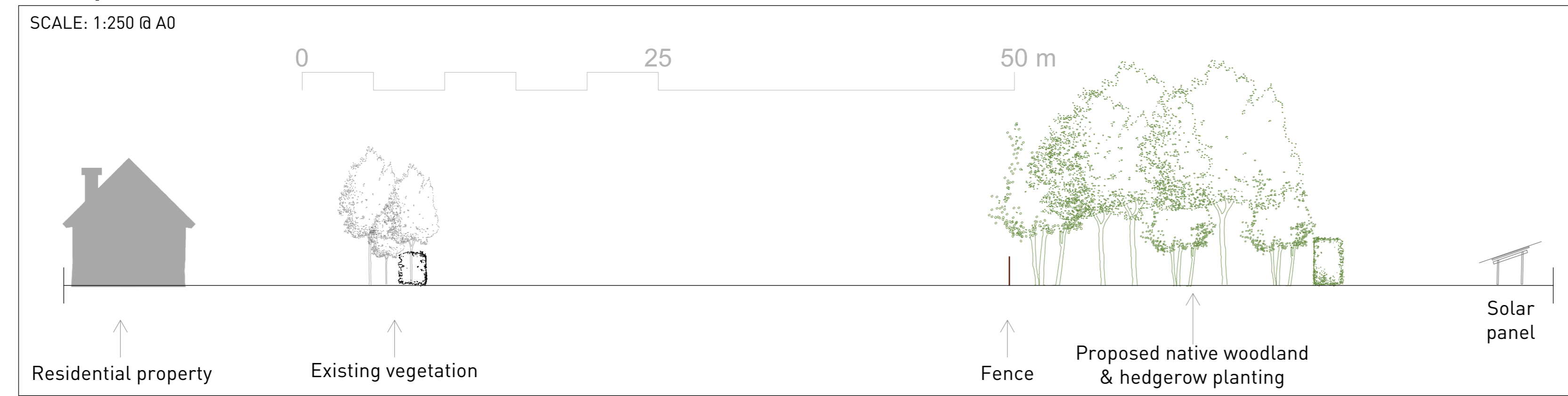
### Indicative section showing landscape mitigation at Year 15

Strategy: planting of mixed native hedgerow and native hedgerow trees along southern boundary of site screens views from Footpath Thorne-19 to the south. Hedgerows to be managed to above 3 metres in height.

## Area C: Residential property



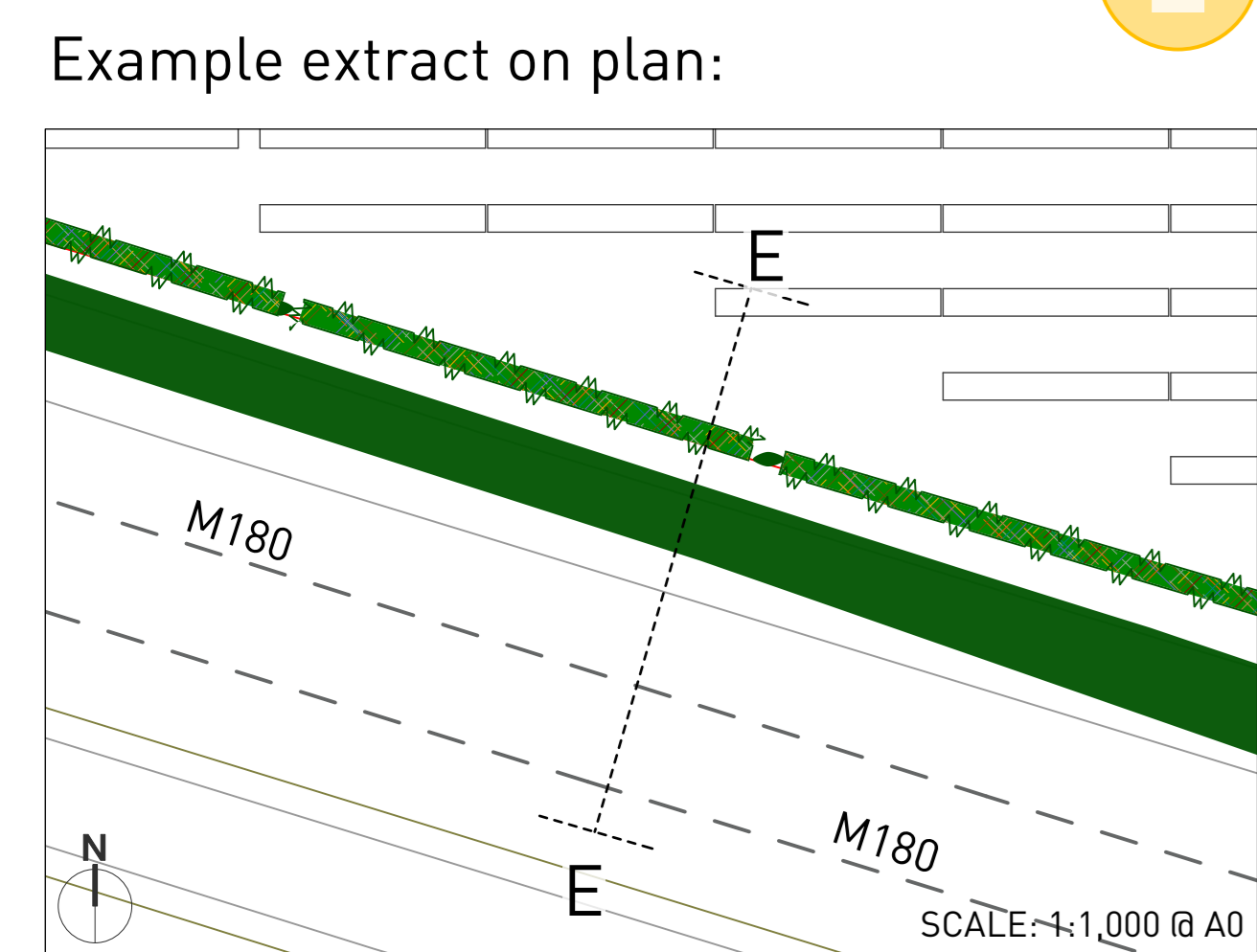
### Example section C-C:



### Indicative section showing landscape mitigation at Year 15

Strategy: panels to be offset a considerable distance from residential property and screened by a substantial block of native woodland planting as well as native hedgerow, which is to be managed above 3 metres.

## Area E: M180



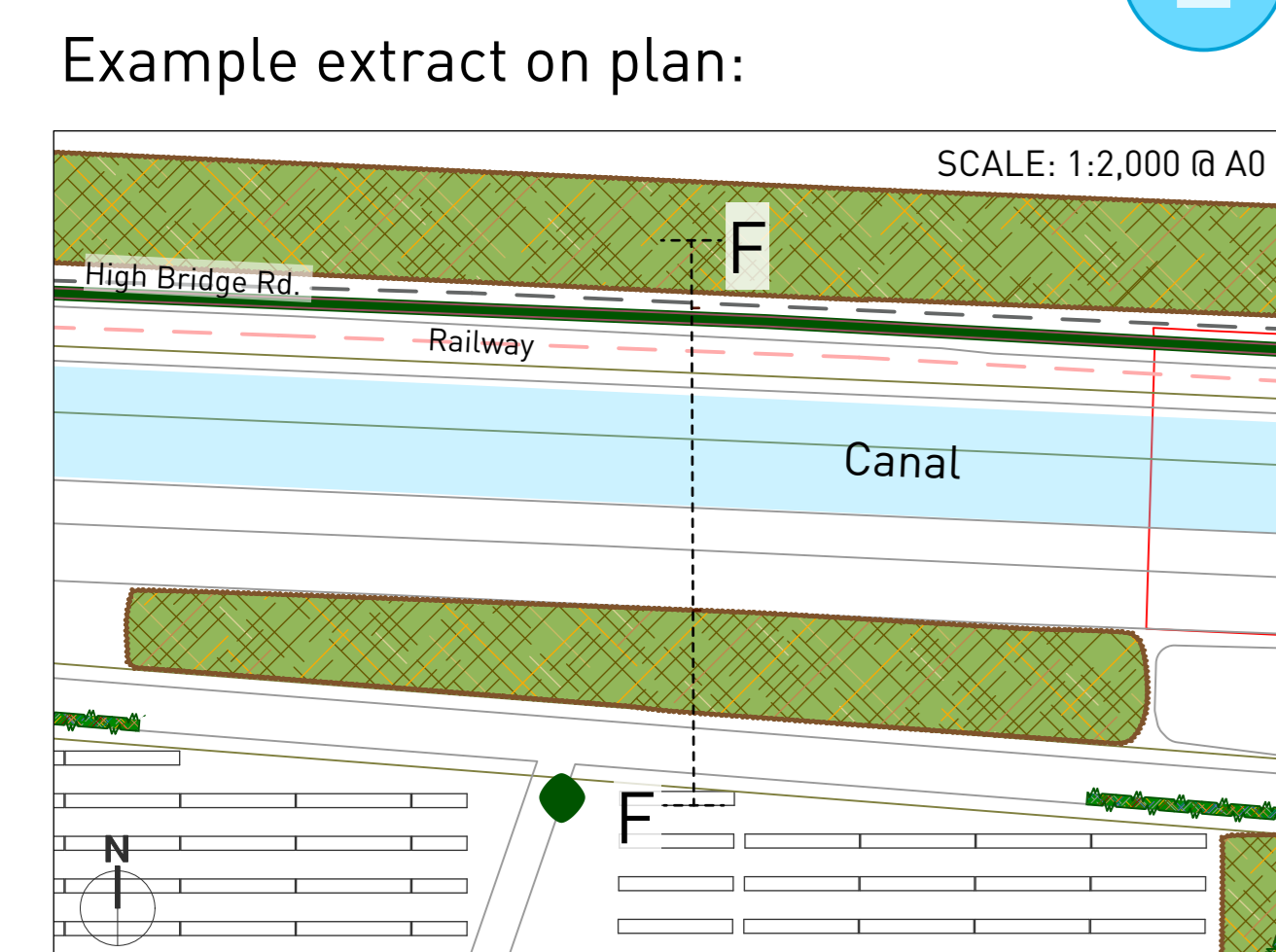
### Example section E-E:



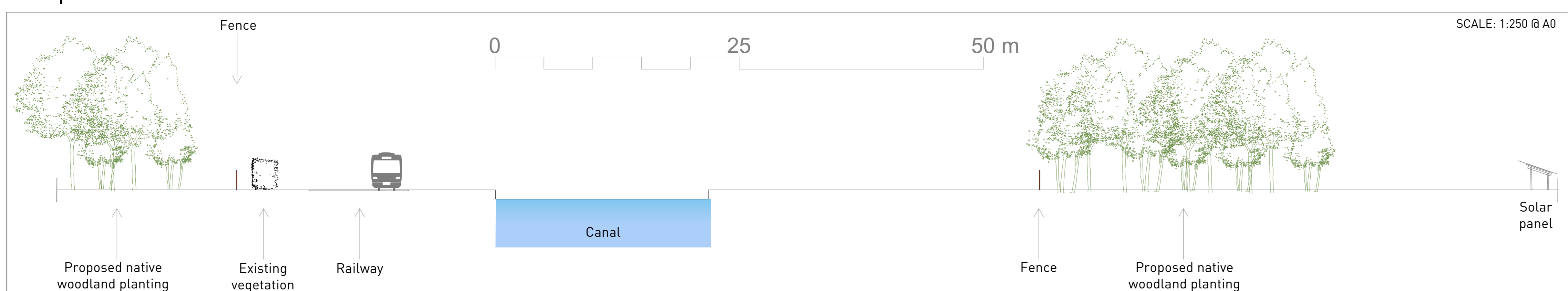
### Indicative section showing landscape mitigation at Year 15

Strategy: proposed native mixed hedgerows planted at strategic points along the motorway strengthen existing woodland blocks along the route and further filter potential views from the M180.

## Area F: Stainforth & Keadby Canal

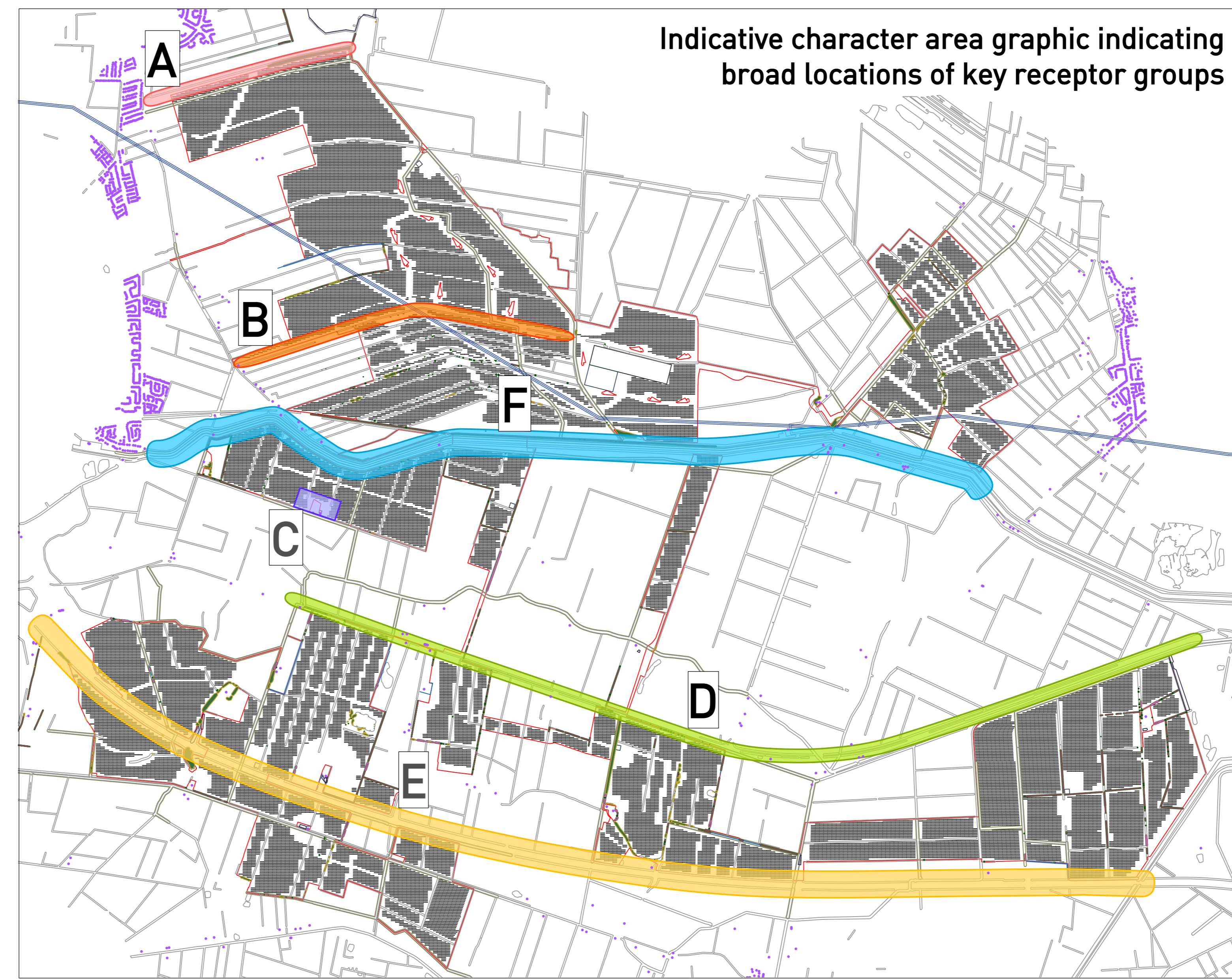


### Example section F-F:



### Indicative section showing landscape mitigation at Year 15

Strategy: proposed, wide native woodland planting belts at strategic points to the north and south of the canal effectively screen views from the canal and strengthen surrounding landscape features. Where woodland planting is not possible, appropriate native mixed hedgerows are to be planted along field boundaries and managed to above 3 metres in height.



Indicative character area graphic indicating broad locations of key receptor groups

## KEY (for inset plans only)

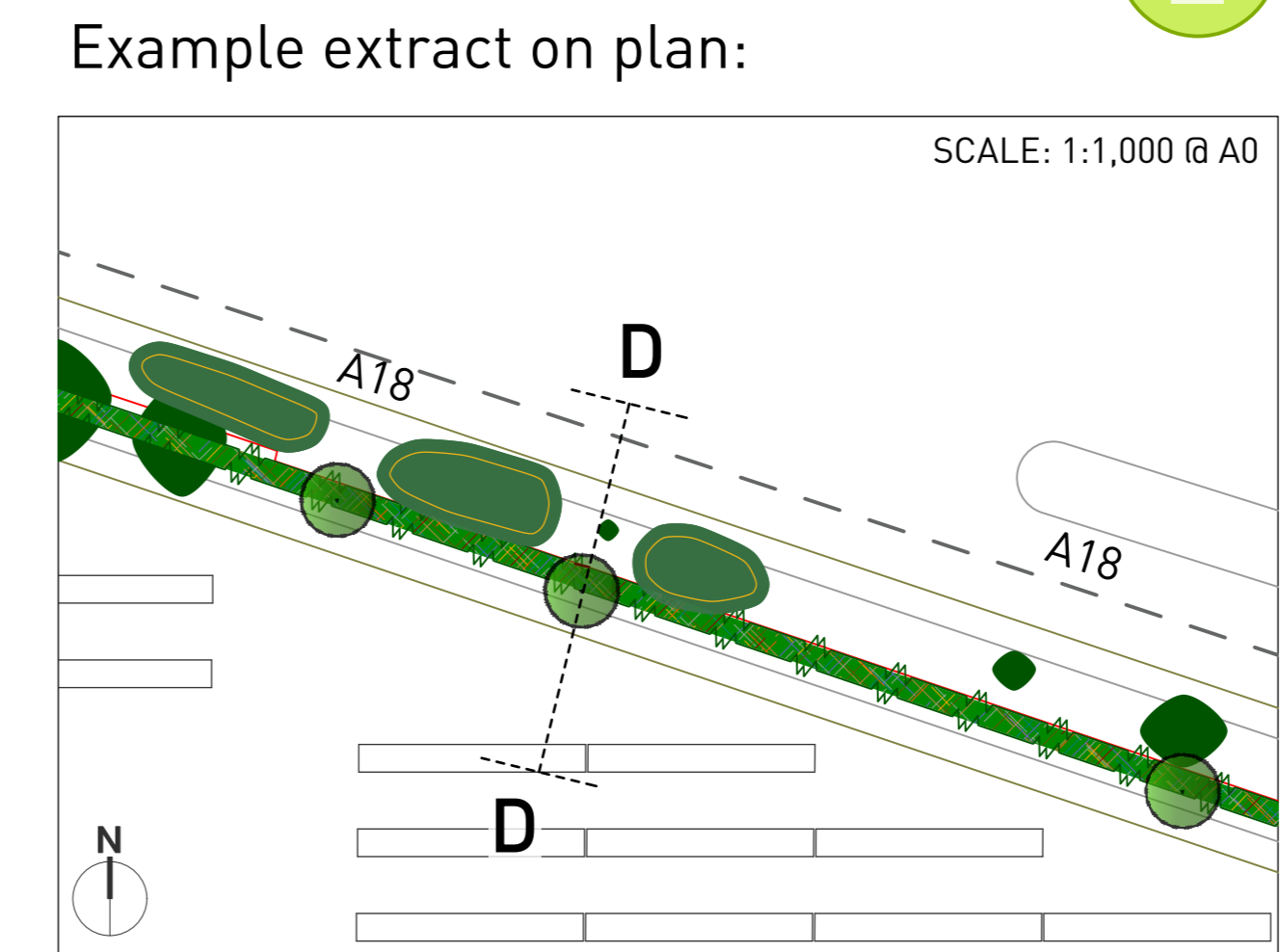
### EXISTING

- Draft Order Limits
- Trees & vegetation
- Public right of way
- Railway
- Road
- Residential properties

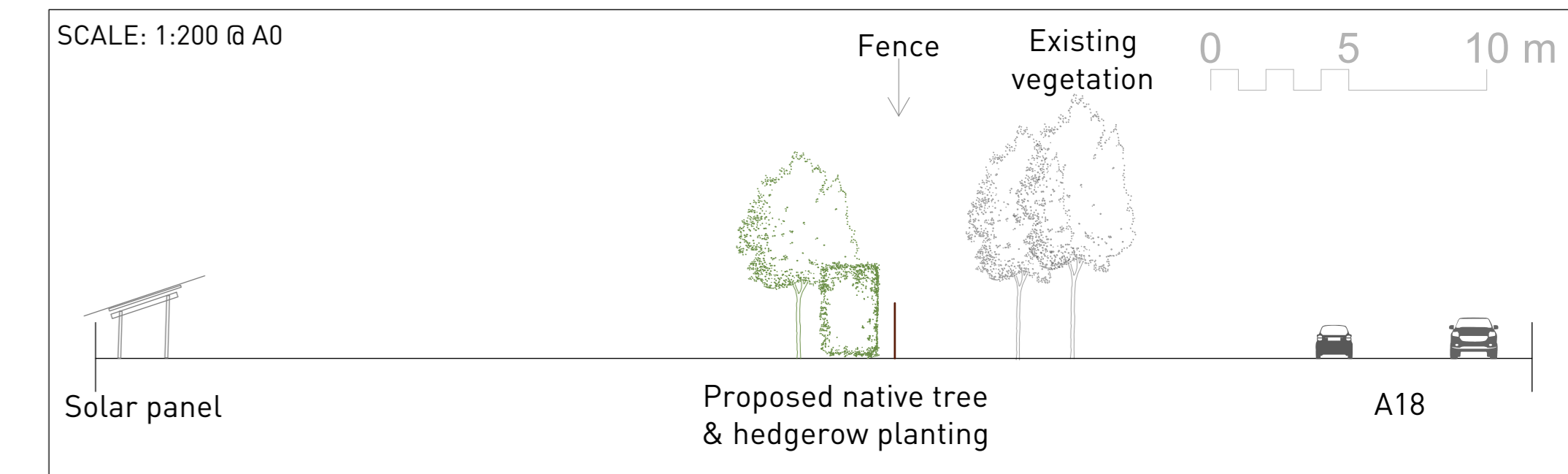
### PROPOSED

- Native tree planting
- Native woodland buffer planting
- Native mixed hedgerow planting

## Area D: A18



### Example section D-D:



### Indicative section showing landscape mitigation at Year 15

Strategy: New native hedgerow with scattered hedgerow trees filters views to proposals from the A18; surrounding gappy hedgerows to be infilled with new hedgerow planting and all hedgerows to be managed at above 3 metres.

Rev	Date	By	Note
B	21.09.23	VR	Revised layout
A	01.09.23	LB	Revised layout
-	19.07.23	VR	Initial drawing

## FIGURE 6.5 INITIAL LANDSCAPE & VISUAL MITIGATION STRATEGY

TWEEN BRIDGE SOLAR FARM

Client: RWE

DRWG No: P21-3484.100

Drawn by: VR

Date: 19/07/2023

Scale: as shown @ A0

REV: B

Approved by: KC

